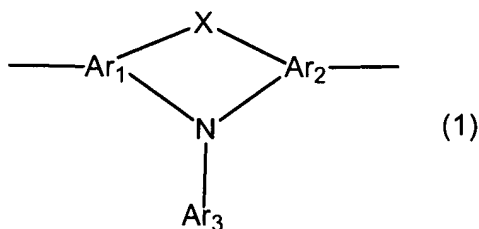


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

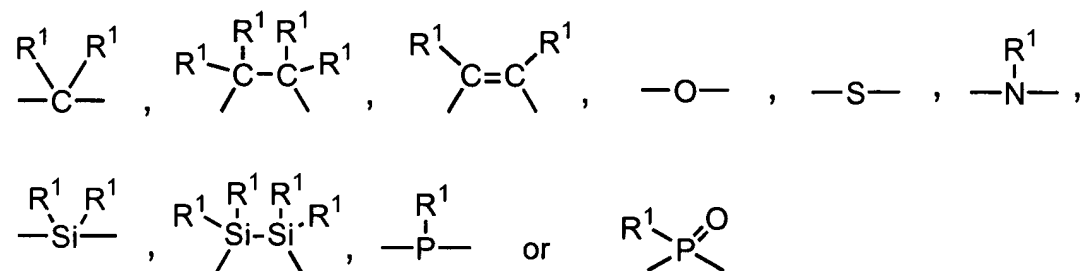
LISTING OF CLAIMS:

1. (original): A complex composition containing a polymer compound and a metal complex showing light-emission from triplet excited state comprising the repeating unit represented by formula (1),



(wherein, Ar₁ and Ar₂ each independently represent a trivalent aromatic hydrocarbon group or a trivalent heterocyclic group, Ar₃ represents an aromatic hydrocarbon group or a heterocyclic group, and said Ar₃ has on the ring a group selected from alkyl group, alkoxy group, alkylthio group, alkylsilyl group, alkylamino group, aryl group, aryloxy group, arylalkyl group, arylalkoxy group, arylalkenyl group, arylalkynyl group, arylamino group, monovalent heterocyclic group, and cyano group. X represents a single bond or a connecting group).

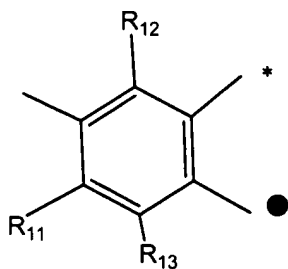
2. (original): A complex composition according to claim 1, wherein the connecting group is a group represented by the below formulas



(wherein, R₁ each independently represents a hydrogen atom, halogen atom, alkyl group, alkoxy group, alkylthio group, alkylamino group, aryl group, aryloxy group, arylthio group, arylamino group, arylalkyl group, arylalkoxy group, arylalkylthio group, arylalkylamino group, acyloxy group, amide group, arylalkenyl group, arylalkynyl group, monovalent heterocyclic group, or cyano group).

3. (original): A complex composition according to claim 1, wherein X is a single bond.

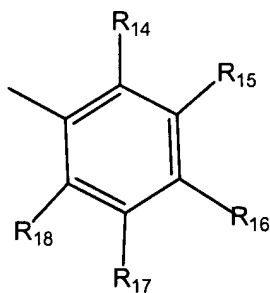
4. (currently amended): A complex composition according to ~~any one of claims 1 to 3~~ claim 1, wherein the trivalent aromatic hydrocarbon group is a group represented by the below formula,



(wherein, R₁₁, R₁₂, and R₁₃ each independently represent a hydrogen atom, halogen atom, alkyl group, alkoxy group, alkylthio group, alkylamino group, aryl group, aryloxy group, arylthio group, arylamino group, arylalkyl group, arylalkoxy group, arylalkylthio group, arylalkylamino

group, acyl group, acyloxy group, amide group, imino group, substituted silyl group, substituted silyloxy group, substituted silylthio group, substituted silylamino group, monovalent heterocyclic group, arylalkenyl group, arylethynyl group, or cyano group. * means a bonding to X, and ● means a bonding to N.).

5. (currently amended): A complex composition according to ~~any one of claims 1 to 4~~claim 1, wherein the aromatic hydrocarbon group is a group represented by the below formula,

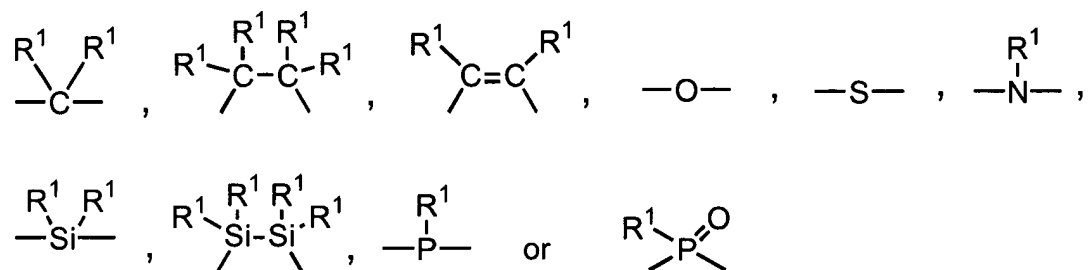


(wherein, R₁₄, R₁₅, R₁₆, R₁₇, and R₁₈ each independently represent a hydrogen atom, alkyl group, alkoxy group, alkylthio group, alkylsilyl group, alkylamino group, aryl group, aryloxy group, arylalkyl group, arylalkoxy group, arylalkenyl group, arylalkynyl group, arylamino group, monovalent heterocyclic group, or cyano group, but at least one of R₁₄, R₁₅, R₁₆ and R₁₇ is not a hydrogen atom.).

6. (currently amended): A complex composition according to ~~any one of claims 1 to 5~~claim 1, wherein the composition further include an electron transporting compound.

7. (original): A polymer complex compound which contains a repeating unit represented by the above formula (1), and a metal complex structure showing light-emission from triplet excited state, and exhibits a visible light-emission in the solid state.

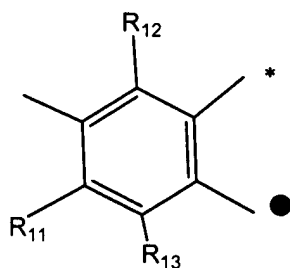
8. (original): A polymer complex compound according to claim 7, wherein the connecting group is a group represented by the below formulas,



(wherein, R₁ each independently represent a hydrogen atom, halogen atom, alkyl group, alkoxy group, alkylthio group, alkylamino group, aryl group, aryloxy group, arylthio group, arylamino group, arylalkyl group, arylalkoxy group, arylalkylthio group, arylalkylamino group, acyloxy group, amide group, arylalkenyl group, arylalkynyl group, monovalent heterocyclic group, or cyano group.).

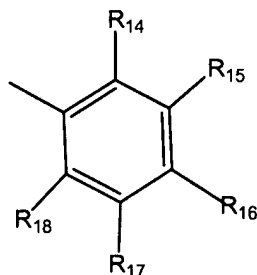
9. (original): A polymer complex compound according to claim 7, wherein X is a single bond.

10. (currently amended): A polymer complex compound according to ~~any one of claims 7 to 9~~ claim 7, wherein the trivalent aromatic hydrocarbon group is a group represented by the below formulas



(wherein, R_{11} , R_{12} , and R_{13} each independently represent a hydrogen atom, halogen atom, alkyl group, alkoxy group, alkylthio group, alkylamino group, aryl group, aryloxy group, arylthio group, arylamino group, arylalkyl group, arylalkoxy group, arylalkylthio group, arylalkylamino group, acyl group, acyloxy group, amide group, imino group, substituted silyl group, substituted silyloxy group, substituted silylthio group, substituted silylamino group, monovalent heterocyclic group, arylalkenyl group, arylethynyl group, or cyano group. * means a bonding to X, and • means a bonding to N.).

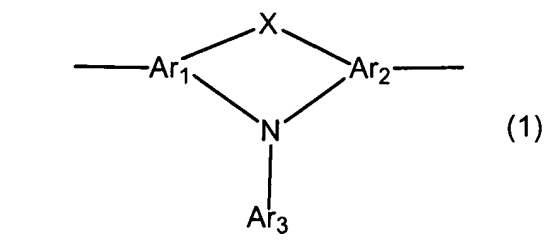
11. (currently amended): A polymer complex compound according to ~~any one of claims 7 to 10~~claim 7, wherein the aromatic hydrocarbon group is a group represented by the below formulas,



(wherein, R_{14} , R_{15} , R_{16} , R_{17} , and R_{18} , each independently represent a hydrogen atom, alkyl group, alkoxy group, alkylthio group, alkylsilyl group, alkylamino group, aryl group, aryloxy group, arylalkyl group, arylalkoxy group, arylalkenyl group, arylalkynyl group, arylamino group, monovalent heterocyclic group, or cyano group, but at least one of R_{14} , R_{15} , R_{16} and R_{17} is not a hydrogen atom.).

12. (currently amended): A polymer light-emitting device containing a layer which contains ~~the a~~a complex composition containing a polymer compound and a metal complex

showing light-emission from triplet excited state comprising the repeating unit represented by formula (1),



(wherein, Ar₁ and Ar₂ each independently represent a trivalent aromatic hydrocarbon group or a trivalent heterocyclic group, Ar₃ represents an aromatic hydrocarbon group or a heterocyclic group, and said Ar₃ has on the ring a group selected from alkyl group, alkoxy group, alkylthio group, alkylsilyl group, alkylamino group, aryl group, aryloxy group, arylalkyl group, arylalkoxy group, arylalkenyl group, arylalkynyl group, arylamino group, monovalent heterocyclic group, and cyano group. X represents a single bond or a connecting group)~~according to any one of~~
~~claims 1-6, or the a polymer complex compound which contains a repeating unit represented by~~
the above formula (1), and a metal complex structure showing light-emission from triplet excited
state, and exhibits a visible light-emission in the solid state~~according to any one of claims 7-11,~~
between the electrodes consisting of an anode and a cathode.